Tanay Srivastava

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37 Meadow Lane, Southborough MA 01772 U.S.

EDUCATION

Northwestern University: **Evanston, IL**
Bachelor of Arts in Computer Science   September 2019 - June 2023

- o Relevant Coursework:
  - o Data Structures and Algorithms, Computer Systems, Integral Calculus, Artificial Intelligence, Linear Algebra, Database Systems, Design and Analysis of Algorithms, Web Development, Practicum Intelligent Info Systems, Rapid Prototyping for Software, Generative Methods, Human Computer Interaction, Agile Software Development

INTERNSHIPS AND PROJECTS

z/OS Backend Developer at IBM   **Poughkeepsie, NY**
Internship   June 2022 – Present

- Transformed CRUD operations for Duty Managers to cloud sunsetting HCL Notes
- Built Python slack bots in Socket Mode and wrote Java scripts to migrate employee data to Cloudant DB
- Diagnosed issues and solved JavaScript bugs on WebIPCS
- Also worked in quality control for testing and inspecting z16 mainframes

Tangible Interaction Design And Learning Intern at Northwestern   **Evanston, IL**
Junior Developer   June 2021 – June 2022

- Designed a back end framework for a social feed web application
- Researched and developed data models, UUID connecting to PostgreSQL local DB; Postico, Flask, and homebrew technologies
- Provided IT support for Northwestern's CS high school summer camp and after-school programs

Windy City Pizza Point-Of Sale Software   **Quincy, MA**
Junior Developer   June 2020 - August 2020

- **Open Source Project** with simple UI and a separate admin GUI for the owner
- Direct SQL database connections for reading and writing to unique tables organized through Microsoft Azure cloud servers
- Simple UI setup with Dynamic Buttons, Windows Form Presentation, Stack-Panels, visuals for products, order save and cancel system.
- Studied and improved efficiency for pizza delivery orders and reduced number of incorrect phone orders

Cirque du Soleil Entertainment Group   **Milton Academy, MA**
Part-time Fellowship   October 2017 - June 2018

- Researched leadership skills most important to Cirque du Soleil
- Studied corporate structure to come up with better ways to improve maintentance of performances (sticky note style)

PetBnB: **Milton Academy, MA**
Full-Scale Mobile App   September 2017 – 2019

- Started an Airbnb-type app for pets for users who need to travel and cannot bring their pets with them.
- Full-scale app functional on android, with multiple API's (Google Maps, PayPal)
- Integrated local save system for login and account information. Database constructed through MySQL
- Simple-to-use hamburger sidebar UI with custom font and image capabilities, helpful for customers not experienced with tech

ACHIEVEMENTS

Music:

- High Honors Level 3 Certificate Scholar from the New England Conservatory (NEC) (admitted to Berklee College of Music for Undergraduate studies)
- Passionate Jazz drummer, having played with **Bobby Sanabria**, **Aaron Goldberg**, **Victor Wooten**,
- Successful musician having performed at **Jordan Hall** as well as exclusive concerts in South Africa
- Selected and showcased to perform at the Jazz Education Network (JEN) Conference

High School:

- Top 10 scorer on New England Math League (NEML), Best Delegate at St. Johns Model U.N., Director of AV Tech, Multicultural Transitions Counselor, South Asian Society, Ultimate Frisbee Captain, Varsity Squash Manager

SKILLS, INTERESTS & INVOLVEMENT

Skills: C#, Java, Python, NoSQL, JavaScript, Mathematics, Music Theory, Writing
Languages: English (Native), Hindi (Native)